



By-Products SOP

Flushing Liquor Bypass to Stormwater Tank (T-102)

This SOP outlines the actions to be taken in the infrequent circumstance that freeboard in the Excess Flushing Liquor Holding Tank (T-101) is not enough to prevent an overflow of the By-Products Area containment. In the event of potential overflow, the Flushing Liquor Circulation Pumps will remain running, and the Bypass Valve will be opened on the line transporting excess flushing liquor from the Flushing Liquor Circulation Pumps to the Excess Flushing Liquor Holding Tank (T-101).

The Bypass Valve will direct flow from the Flushing Liquor Pumps directly to the Stormwater Tank (T-102). The valve is between the north end of the Flushing Liquor Decanters and approximately 7 feet above the ground.

Only the following personnel are authorized to open the Bypass Valve:

- Sam Robinson, Manager of By-Products and Boilers
- Ken Jones, By-Products Foreman
- Pump and Stills Operator

Once the Bypass Valve is open, these steps will be followed immediately:

- Record the name of the person who opened the valve and the date/time the valve was opened on the designated clipboard in the Pump and Stills Control Room.
- Notify the Environmental Department of the event.

After the Bypass Valve is closed at the end of the Bypass Event:

- Record the date/time the valve is closed on the same clipboard and same line.
- Notify the Environmental Department that the Bypass Event has ended using one of the phone numbers listed below.
 - Abby Dolby 901-484-8524
 - Bill Osborn 256-590-9888
 - Jay Cornelius 772-539-2813
- The Environmental Department is responsible for gathering any required weather data needed to calculate the TAB contribution from the Bypass Event using the spreadsheets and the Bypass Event information provided by the By-Products Department.